Overview of the EM Corporate Database

Presentation to the National Stakeholder Forum

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IPABS Background

- The Integrated Planning, Accountability, and Budgeting System (IPABS) was conceptualized in 1997 in parallel with the “2006 Plan” (now *Paths to Closure*)
- IPABS is based on the concept of projectization and completion of all of EM’s work
- In the spring of 1998, a formal system development process began to build the IPABS-IS (IPABS- Information System). IPABS-IS will be the information system used to support EM’s core business processes

IPABS-IS Scope

- Support EM's business processes, including planning, budgeting, and execution that are integral to achieving EM's mission
- Bring timely and reliable data to the desktops of Operations/Field Office and Headquarters users, which is relevant to program/project management and reporting activities, and national policy
- Support the replacement of current data collection processes that are duplicative, time consuming, or poorly coordinated
- Improve EM's ability to consistently and accurately respond to customers
- Move from disconnected tools to an integrated data management toolset

IPABS-IS Development Strategy

- Evaluate requirements:
  - Determine what **data** are necessary to perform EM national functions
  - Develop the necessary **functionality** to collect, view, edit, and report EM data
  - Establish the **technical** specifications for the system
- Analyze requirements
- Consolidate existing data into the EM Corporate Database
- Develop applications to interface with the EM Corporate Database in a phased approach

Interfaces with the EM Corporate Database

IPABS-IS Applications

IDMS
Primary Data Entry Tool for EM Corporate Data including life-cycle planning and budget data by PBS

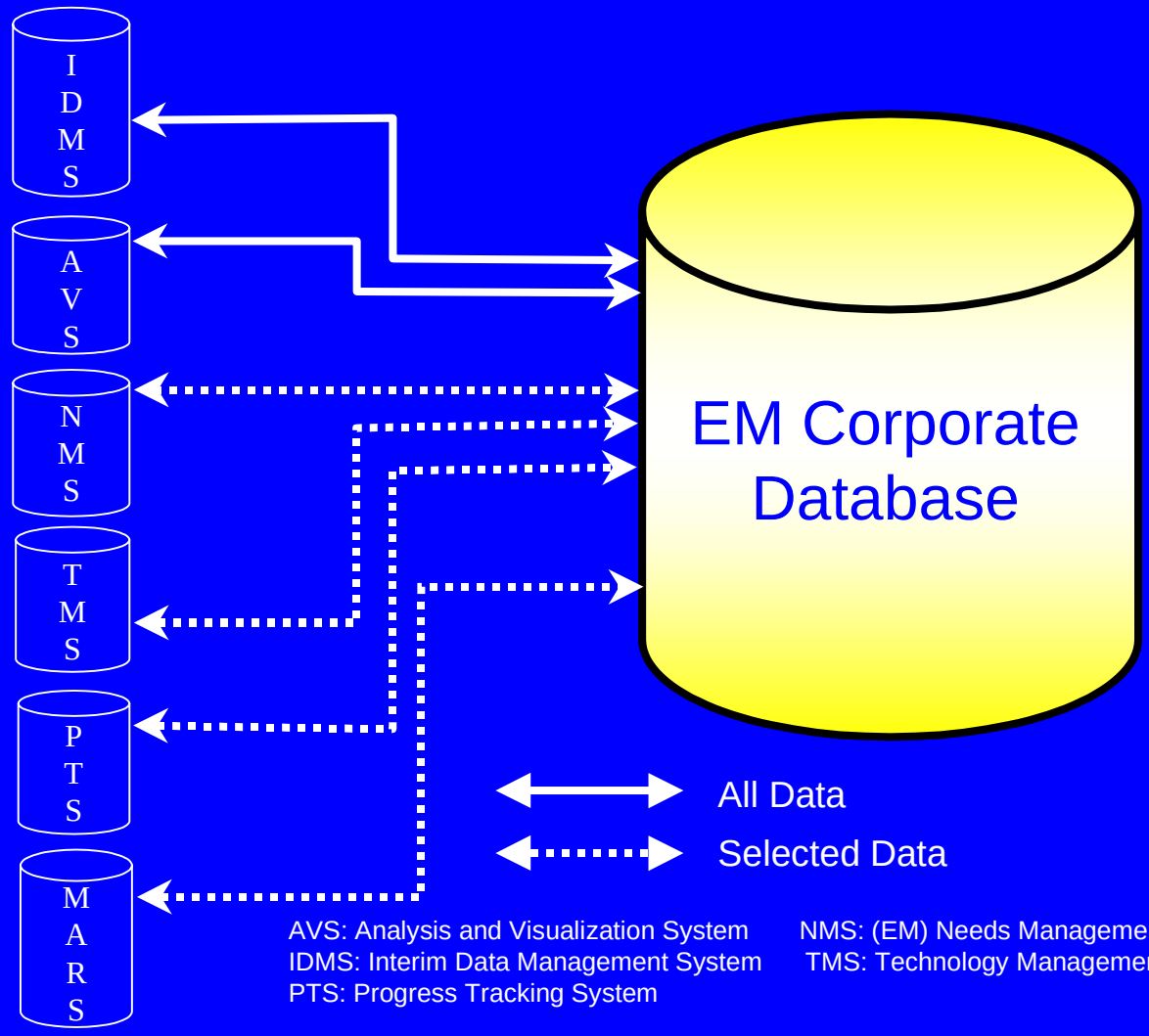
AVS
Primary Data Entry Tool for EM Stream Disposition Data

NMS
Site (S&T) Need Statements and OST Technical Responses

TMS
OST (EM-50) Technology Data

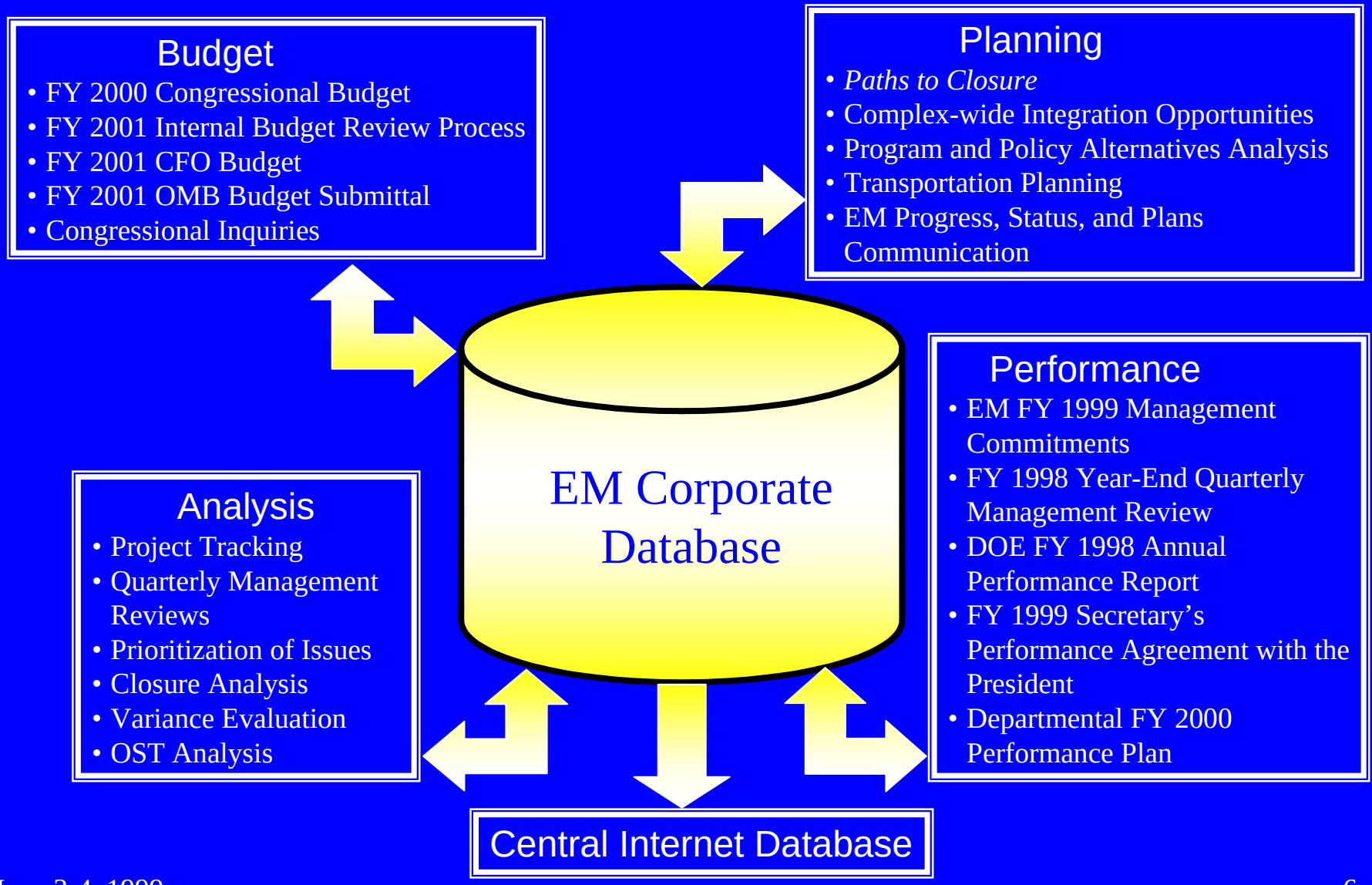
PTS
FY 1999 Data Entry Tool for EM Execution Tracking Data

MARS
Primary Database for Departmental Financial Data



AVS: Analysis and Visualization System
IDMS: Interim Data Management System
PTS: Progress Tracking System
NMS: (EM) Needs Management System
TMS: Technology Management System

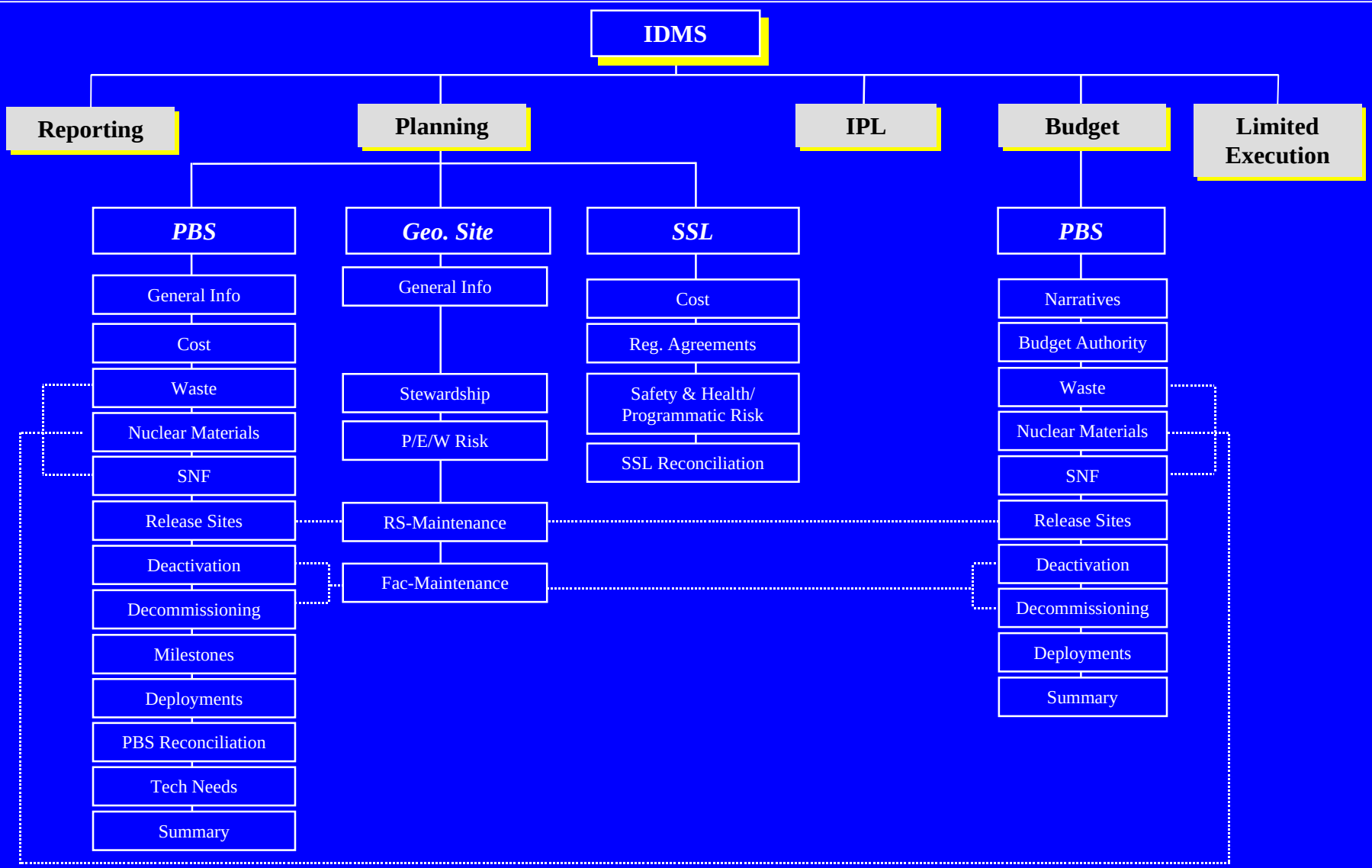
How The Corporate Database Is Used



The Interim Data Management System (IDMS)

- Phase I of IPABS-IS development
- Web-based tool for data entry, viewing, and reporting to allow multi-user, multi-site access to information
- Used to collect lifecycle planning and FY 2001 budget formulation data for the Spring, 1999 update to the EM Corporate Database. Also used to collect FY 1999 performance measure actuals.

IDMS Navigation and Screen Overview



IPABS-IS Next Steps

- Evaluate lessons learned from IDMS
- Transition waste planning data collection into IPABS-IS by next fall
- Incorporate full execution module into the next phase of IPABS-IS in time to begin FY 2000 execution
- Expand the reporting capabilities of IPABS-IS to include additional standard reports as well as an online report generator
- Improve interfaces with other HQ and Field systems

Budget Authority

In IDMS, Operations/Field Offices report BA by category and subcategory for each PBS which must tie to the total BA reported for the PBS.

IDMS *Budget Module*

Select Account: Defense Facilities Closure Projects-Site Closure

Select Project: OH-FN-07-Silos

Budget Authority ($000)

			FY 2001		
	FY 1999	FY 2000	Decrement	Target	Planning (Baseline)
Total Account Balance:	381,040	397,282	83,000	205,000	387,454
IPL Allocation:			0	0	0
Estimate of Allocation:	17,545	33,922	0	0	0
Current Allocation:	17,545	33,922			26,099

Budget Authority Estimate ($000)

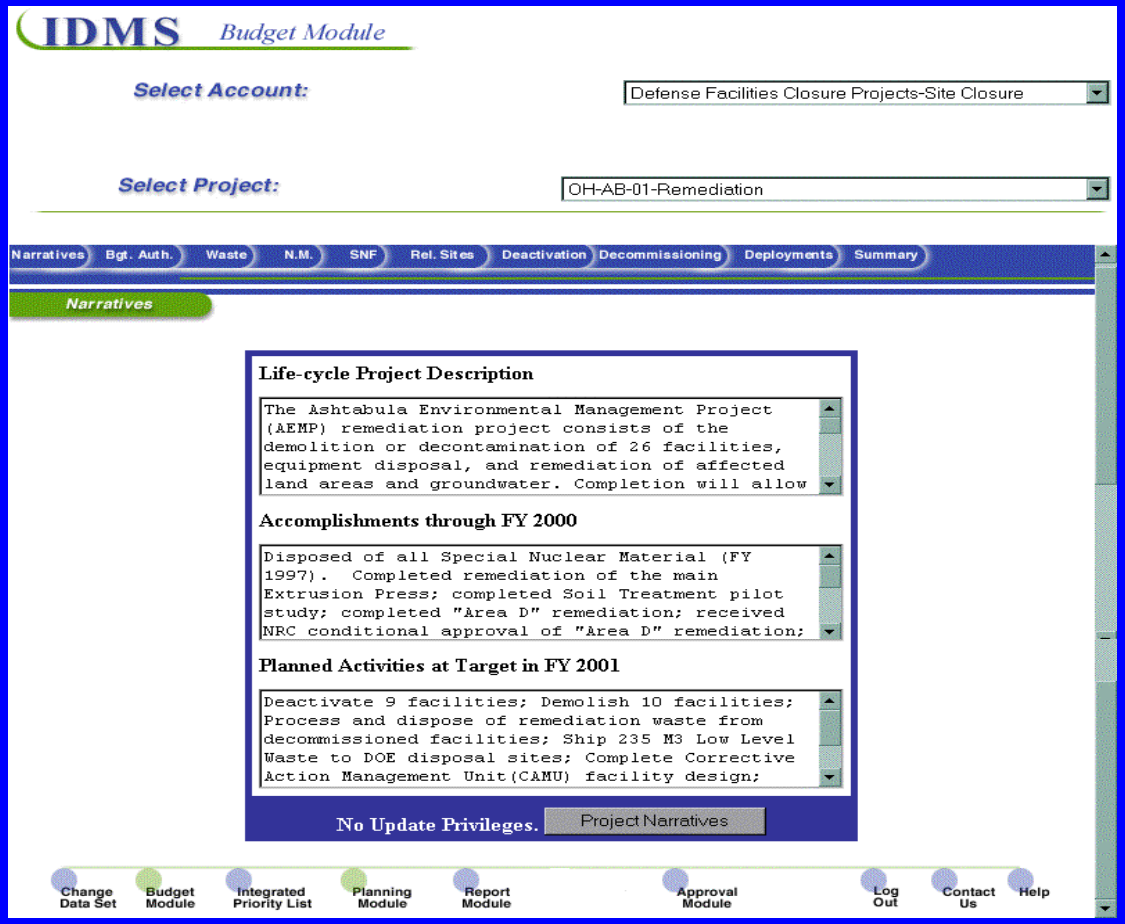
Category / Subcategory	Type	FY 1999	FY 2000	Decrement	FY 2001 Target	Planning (Baseline)
Release Sites/Cleanup	Operating	17,545	33,922			

Cancel Save

Add Category/Subcategory

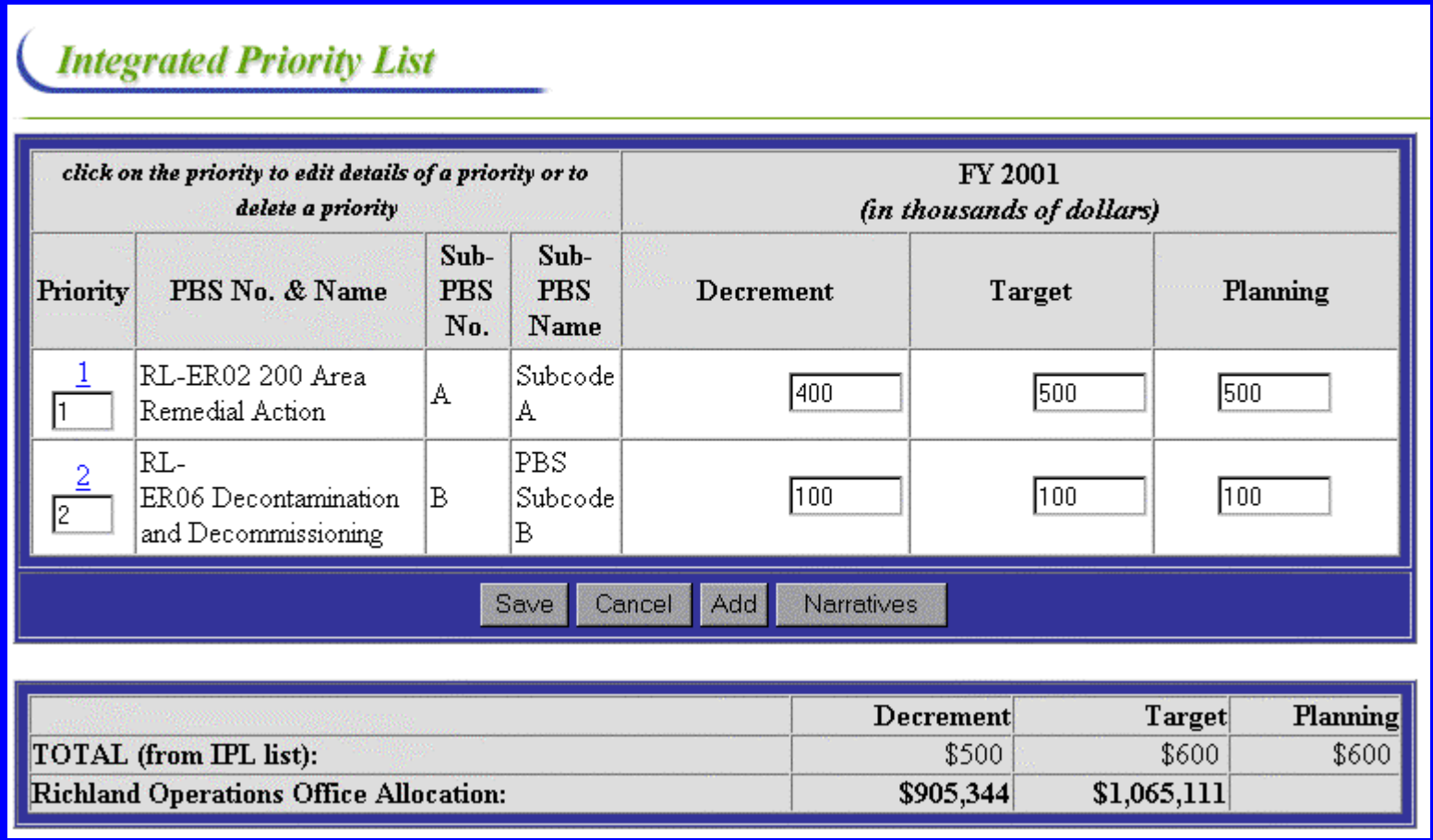
Budget Narratives

In IDMS, Operations/Field Offices provide narrative information for each PBS to be used in the EM budget.



Integrated Priority List

In IDMS, each Operations/Field Office provides a ranked list of its priorities for the formulation year.



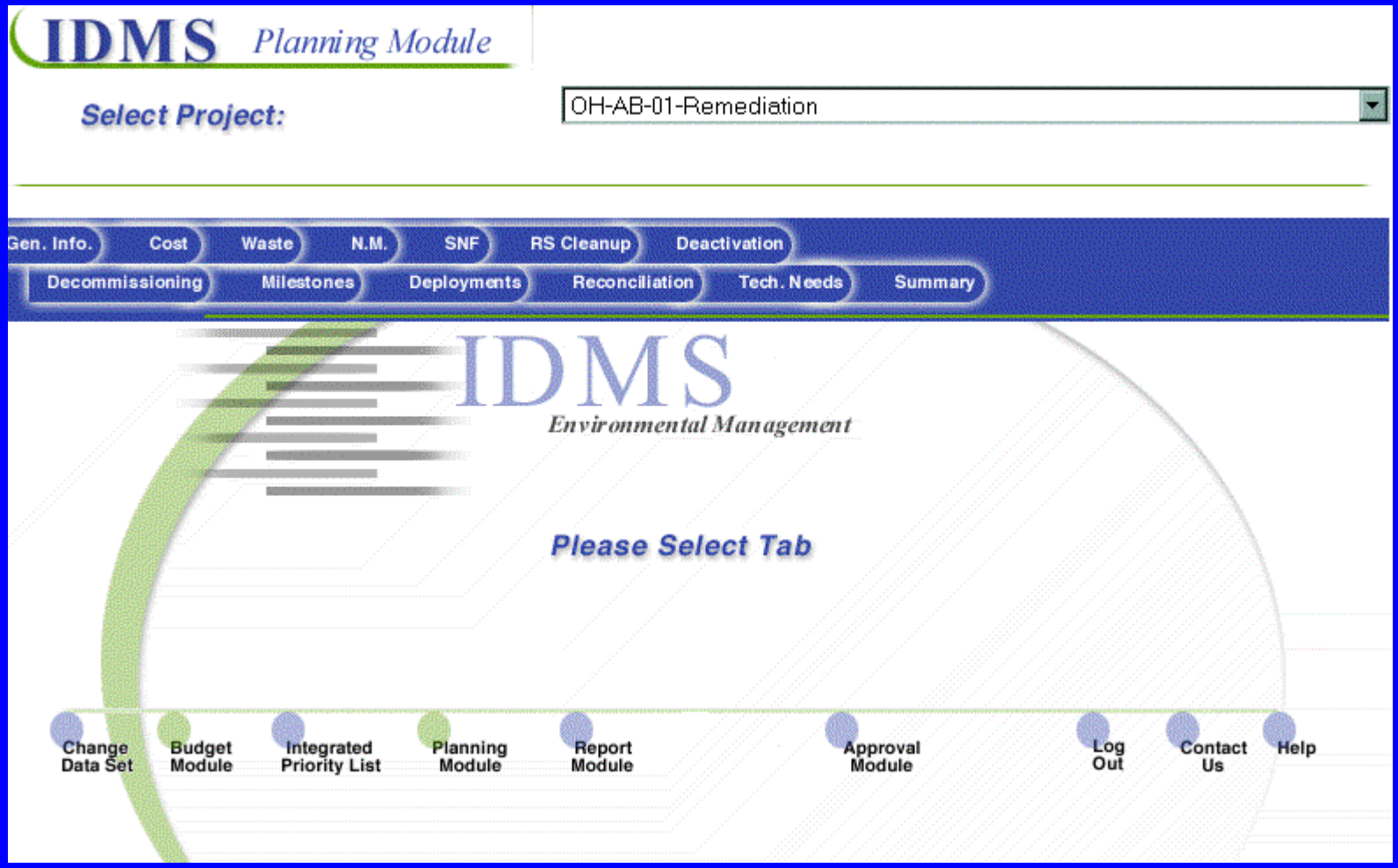
Integrated Priority List

click on the priority to edit details of a priority or to delete a priority				FY 2001 *(in thousands of dollars)*		
Priority	**PBS No. & Name**	**Sub-PBS No.**	**Sub-PBS Name**	**Decrement**	**Target**	**Planning**
1 [1]	RL-ER02 200 Area Remedial Action	A	Subcode A	400	500	500
2 [2]	RL-ER06 Decontamination and Decommissioning	B	PBS Subcode B	100	100	100

Save | Cancel | Add | Narratives

	Decrement	Target	Planning
TOTAL (from IPL list):	$500	$600	$600
Richland Operations Office Allocation:	**$905,344**	**$1,065,111**	

PBS Planning Information



Geographic Site Planning Information

Site Summary Level (SSL) Planning Information